


**LEEK RURAL
DISTRICT COUNCIL**

**Annual
Report**

of the

**MEDICAL OFFICER OF
HEALTH**

and the

**CHIEF PUBLIC HEALTH
INSPECTOR**

for the year 1970



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Leek Rural District Council

PUBLIC HEALTH COMMITTEE 1970

Chairman:

COUNCILLOR J. TORR

Vice-Chairman:

COUNCILLOR T. HINE

Members:

Councillor	J. W. Alcock	Councillor	C. R. Hewlett, J.P.
"	H. J. Bourne	"	J. Kidd
"	F. E. Brocklehurst	"	H. Mear
"	C. R. Critchlow	"	A. Mellor
"	J. Critchlow	"	Mrs. M. Robson
"	S. R. Critchlow	"	J. Rushton
"	G. Deaville	"	Mrs. G. Sigley
"	H. Fawcett	"	F. W. Smith
"	J. Gould (died August	"	D. Sutton
"	1970)	"	F. Tunnicliffe
"	H. Hammond	"	S. G. Worthington
"	H. Harrison		

PUBLIC HEALTH OFFICERS

Medical Officer of Health:

H. E. Wilson, M.B., Ch.B., D.P.H., D.O., F.B.O.A.

Chief Public Health Inspector:

D. K. PEDLEY, M.R.S.H., M.A.P.H.I., Cert. Food Inspector.

Additional Public Health Inspector:

T. SPENCER, Cert. R.S.I.

OFFICES

Public Health Department, 18 Stockwell Street, Leek, Staffs.
(Tel. Leek 2261)

Public Health Department,
18, Stockwell Street,
LEEK.

**To the Chairman and Members of the
Leek Rural District Council**

Ladies and Gentlemen,

The Annual Report for 1970 has been compiled in accordance with the Department of Health and Social Security Circular 1/71.

The mid-1970 population was estimated by the Registrar General to be 13,500, no change from 1969.

The number of live births was 194, giving a birth rate of 14.4 per thousand of population. This birth rate can be compared with the birth rate for England and Wales as a whole by multiplying the local birth rate by a factor known as the comparability factor which for this district in 1970 was 1.02. The adjusted birth rate was 14.7 compared with 16.0 for England and Wales. Further details will be found on page 4.

The number of deaths was 151 giving an adjusted death rate of 13.3 (comparability factor 1.19) compared with 11.7 for England and Wales. Diseases of the heart and circulatory system excluding hypertensive disease accounted for 79 or 58.9% of all deaths during the year, while malignant diseases accounted for 25 deaths or 16.6% of the total.

The number of confirmed cases of notifiable disease was 125 and of these measles accounted for 118, dysentery 3 and isolated cases of whooping cough, scarlet fever, meningococcal infection and encephalitis following mumps. Immunisation is now available for diphtheria, measles, whooping cough, tetanus, smallpox and tuberculosis when necessary. Parents are strongly advised to have their children protected against these diseases either by their family doctor or at one of the county clinics. German measles although generally a very mild disease, if contracted by women during the early months of pregnancy can result in damage to the unborn child. Vaccination against this disease is now recommended for all girls at 13 years of age.

Milk sampling in the Leek Rural District is carried out regularly by the Staffordshire County Council and tested for Brucellosis and Tuberculosis. No milk was found to be infected by Tuberculosis, but in six samples biological tests revealed Brucellosis. These six samples concerned two farms and in my absence for this period the farmers were requested by the Chief Public Health Inspector not to retail milk for human consumption unless adequately heat treated. Further details of milk sampling will be found on page 14.

Planning permission for the erection of four maisonettes on the Tittesworth Estate site was granted in October and it is anticipated that work will commence early in 1971. Sites at Brown Edge for the erection of old peoples bungalows are still being pursued.

The new sewage disposal works at Endon were put into operation in the New Year and work proceeded with the sewerage of Bagnall and Stanley during the year.

The district is supplied with mains water by the Staffordshire Potteries Water Board and particulars relating to the supply may be found on pages 10 and 11.

The main refuse tip at Stockton Brook continued to be maintained in a most satisfactory condition. During the summer months the tip was treated daily and at weekends, to keep the fly population to a minimum and regular rodent control treatments were carried out. The life of the tip at the end of the year was becoming very limited and the possible extension of the tip or the acquisition of alternative sites were being investigated.

In recent years increased legislation especially in the field of housing has placed additional responsibilities and work on the Health Department. I should like to express my appreciation to the Council's Health Inspectors Mr. Pedley and Mr. Spencer for their extra effort needed to provide a satisfactory service without additional staff.

May I thank you Mr. Chairman and Members for the consideration and interest you have shown throughout the year.

H. E. WILSON
(Medical Officer of Health)

GENERAL STATISTICS

AREA	71.675 Acres
No. of Inhabited Houses	4,706
Estimated Population	13,500
No. of Persons per Acre	.188
Rateable Value	£361,057
Net Product of Id. Rate	
For Year Ended 31/3/70	£1,450.13.8

VITAL STATISTICS

Live Births	M	F	TOTAL
Legitimate	91	97	188
Illegitimate	3	3	6
	<hr/> 94	<hr/> 100	<hr/> 194

Birth rate per 1,000 of the population — 14.4

Adjusted birth rate (comparability factor 1.02) — 14.7 (16.0)

Still Births	M	F	TOTAL
Legitimate	1	—	1
Illegitimate	—	—	—
	<hr/> 1	<hr/> —	<hr/> 1

Still birth rate per 1,000 total births — 5 (13.0)

Deaths (all ages)	M	F	TOTAL
	88	63	151

Death rate per 1,000 of the population — 11.2

Adjusted death rate (comparability factor 1.19) — 13.3 (11.7)

Deaths of Infants (Under 1 year)	M	F	TOTAL
Legitimate	3	—	3
Illegitimate	—	—	—
	<hr/> 3	<hr/> —	<hr/> 3

Infant Mortality Rate (deaths under 1 year of age per
1,000 live births) — 15.0 (18.0)

(The rates for England and Wales are shown in parenthesis)

TUBERCULOSIS

	Respiratory Tuberculosis			Non-Respiratory Tuberculosis			Total (Respiratory and Non-Respiratory)		
	M	F	Total	M	F	Total	M	F	Total
Cases on Register									
31/12/69	42	24	66	7	8	15	49	32	81
New Cases Notified ...	—	—	—	—	—	—	—	—	—
Inward Transfers ..	—	—	—	—	—	—	—	—	—
	42	24	66	7	8	15	49	32	81
Cases removed	—	—	—	—	—	—	—	—	—
Cases on Register									
31/12/70	42	24	66	7	8	15	49	32	81

NEW CASES NOTIFIED IN PREVIOUS YEARS

	Respiratory Tuberculosis			Non-Respiratory Tuberculosis			Total (Respiratory and Non-Respiratory)		
	M	F	Total	M	F	Total	M	F	Total
1970	—	—	—	—	—	—	—	—	—
1969	—	1	1	—	—	—	—	1	1
1968	—	—	—	—	—	—	—	—	—
1967	—	—	—	—	—	—	—	—	—
1966	—	2	2	—	1	1	—	3	3
1965	3	1	4	—	—	—	3	1	4
1964	3	2	5	1	1	2	4	3	7
1963	1	—	1	—	2	2	1	2	3
1962	1	—	1	1	1	2	2	1	3
1961	1	—	1	—	—	—	1	—	1
1960	1	1	2	—	—	—	1	1	2
1959	4	1	5	1	1	2	5	2	7
1958	5	3	8	—	—	—	5	3	8

NOTIFIABLE DISEASES

The figures below show the Incidence of Infectious Diseases in 1970 in comparison to those of the three preceding years:

	1970	1969	1968	1967
Measles	118	6	65	365
Whooping Cough	1	2	2	12
Diphtheria	—	—	—	—
Scarlet Fever	1	3	5	13
Infective Jaundice	—	1	2	—
Dysentery	3	—	—	4
Acute Poliomyelitis	—	—	—	—
Paratyphoid Fever	—	—	1	—
Meningococcal Infection	1	—	—	—
Acute Encephalitis (P.I)	1	—	—	—
Food Poisoning	—	1	6	—
Anthrax	—	—	—	—
Tuberculosis — Respiratory	—	1	—	—
Tuberculosis — Non-Respiratory	—	—	—	—
Total	125	14	82	399

Incidence of Notifiable Diseases

Parishes	Measles	Whooping Cough	Scarlet Fever	Tuberculosis	Dysentery	Acute Poliomyelitis	Food Poisoning	Paratyphoid Fever	Infective Jaundice	Acute Encephalitis (PI)	Meningococcal Infection
Alstonefield	7										
Bagnall	2		1								
Bradnop											
Brown Edge	17				2						
Butterton	9										
Endon and Stanley	27	1			1					1	
Fawfieldhead	12										
Grindon	1										
Heathylee	5										
Heaton											
Hollinsclough	1										
Horton											
Ilam	1										
Leekfrith											
Longnor	19										
Longsdon											1
Onecote											
Quarnford											
Rushton											
Sheen	11										
Tittesworth	4										
Warslow and Elkstones	1										
Wetton	1										
Total	118	1	1	—	3	—	—	—	—	1	1

Months of Occurrence

January	15										
February	2										
March	3										
April	12				2					1	
May	6										
June	9										
July	7										1
August	1										
September	4	1	1		1						
October	47										
November	11										
December	1										
Total	118	1	1	—	3	—	—	—	—	1	1

Notifiable Diseases — Age Groups

AGE GROUP	Measles		Whooping Cough		Scarlet Fever		Acute Poliomyelitis		Dysentery		Food Poisoning		Respiratory Tuberculosis		Non-Respiratory Tuberculosis		Meningococcal Infection		Infective Jaundice		Paratyphoid Fever		Acute Encephalitis (P)	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Under 1 year ...	3	1																						
1 year ...	5	4							1															
2 years ...	1	6																						
3 years ...	6	5																						
4 years ...	5	5																						
5—9 years ...	24	18																						
10—14 years ...	16	11							1															1
15—24 years ...	2	1																						
25—44 years ...	1	1							1															
45—64 years ...																								
65 and over ...																								
Total (all ages)	66	52	1	1	—	—	—	—	2	1	—	—	—	—	—	—	1	1	—	—	—	—	1	—
TOTAL — Male and Female	118		1		1		—		3		—		—		—		1		—		—		1	

CAUSES OF DEATH IN LEEK RURAL DISTRICT 1970

Causes of Death		Males	Females
B.6(2)	Other Tuberculosis	1	—
B.19(2)	Malignant Neoplasm, Oesophagus	1	—
B.19(3)	Malignant Neoplasm, Stomach	2	—
B.19(4)	Malignant Neoplasm, Intestine	1	3
B.19(5)	Malignant Neoplasm, Larynx	1	—
B.19(6)	Malignant Neoplasm, Lung, Bronchus	5	—
B.19(7)	Malignant Neoplasm, Breast	—	4
B.19(9)	Malignant Neoplasm, Prostate	2	—
B.19(10)	Leukaemia	—	1
B.19(11)	Other Malignant Neoplasms	1	3
B.20	Benign and Unspecified Neoplasms	—	1
B.21	Diabetes Mellitus	—	1
B.46(1)	Other Endocrine Etc. Diseases	1	—
B.46(5)	Other Diseases of Nervous System	2	—
B.26	Chronic Rheumatic Heart Disease	2	2
B.27	Hypertensive Disease	—	3
B.28	Ischaemic Heart Disease	23	11
B.29	Other Forms of Heart Disease	4	6
B.30	Cerebrovascular Disease	13	10
B.46(6)	Other Diseases of Circulatory System	7	1
B.31	Influenza	3	3
B.32	Pneumonia	4	4
B.33(1)	Bronchitis and Emphysema	2	—
B.46(7)	Other Diseases of Respiratory System	—	1
B.34	Peptic Ulcer	—	1
B.46(8)	Other Diseases of Digestive System	—	1
B.46(9)	Other Diseases, Genito-Urinary System	1	—
B.46(11)	Diseases of Musculo-Skeletal System	1	2
B.42	Congenital Anomalies	1	—
B.43	Birth Injury, Difficult Labour, Etc.	1	—
B.44	Other Causes of Perinatal Mortality	1	—
B.45	Symptoms and Ill Defined Conditions	3	1
BE.47	Motor Vehicle Accidents	1	—
BE.48	All Other Accidents	2	4
BE.49	Suicide and Self-Inflicted Injuries	2	—
Total — all causes		88	63

Sanitary Inspection of the Area —

Summary of Visits

HOUSING

(a) Housing Inspections	...	...	...	...	...	141
(b) Council House applicants	...	...	...	...	...	11
(c) Moveable dwellings	...	...	...	...	...	4
(d) Improvement Grant applicants	...	...	...	...	...	242
(e) Council Houses	...	...	...	...	...	18
						<hr/> 416

GENERAL:

Inspection of premises for nuisances	..	...	...	...	...	14
Food premises	...	...	...	...	...	20
Slaughterhouses and knacker's yard	...	...	...	...	...	302
Drainage inspections	...	...	...	...	...	132
Privy conversions	...	...	...	...	...	17
Water supplies — general	...	...	...	...	...	21
Samples of water taken	...	...	...	...	...	12
Offices, Shops and Railway premises	...	...	...	...	...	85
Refuse and nightsoil collection and disposal	...	...	...	...	...	540
Infectious diseases	...	...	...	...	...	35
Fumigations and Infestations	...	...	...	...	...	16
Rodent control	...	...	...	...	...	20
Factories	...	...	...	...	...	5
Petroleum stores	...	...	...	...	...	41
Miscellaneous	...	...	...	...	...	26
Milk Supply	...	...	...	...	...	5
						<hr/> 1,707

NOTICES SERVED:

1.	Informal Notices	...	...	...	...	32
	Statutory Notices	...	...	...	...	1
2.	(a) Number of Nuisances Remedied	...	...	...	...	10
	(b) Number of defective dwellings rendered fit following service of Statutory and Informal notices	...	...	...	...	23

WATER SUPPLIES

We are indebted to the Engineer, Manager and Clerk of the Staffordshire Potteries Water Board for the following information and comments relating to mains water supplies within the area.

TABLE SHOWING NUMBER OF CONNECTIONS MADE TO MAINS SUPPLIES DURING THE YEAR AND TOTAL NUMBERS OF PROPERTIES NOW CONNECTED

SCHEME	NEW CONNECTIONS DURING YEAR	TOTAL NUMBER OF CONNECTIONS at 31/12/70
EASTERN PARISHES	15	692
HORTON, LONGSDON & RUDYARD	7	266
RUSHTON & HEATON	2	170
BRADNOP	4	55
TOTAL	28	1183

SAMPLES OF MAINS WATER TAKEN BY THE BOARD

Chemical Analysis: Untreated water at source	10
Treated waer going into supply	103
Bacteriological Examination	205
Total for 1970	318

All waters leaving the treatment plant at Hulme End and in supply were 100% free from E.Coli.I organisms and, therefore, of high bacterial purity, suitable for domestic consumption. Chemical treatment, including chlorination, maintains this high standard. The water is moderately soft, of high organic quality and contains only a slight trace of iron and manganese. No lead has been found in the water supply and the fluoride content is less than 0.05 mg/l.

**WATER SAMPLES TAKEN FOR
BACTERIOLOGICAL EXAMINATION
BY THE HEALTH DEPARTMENT**

Source	Number of Samples Taken	Satisfactory	Unsatisfactory
WELL	3	2	1
SPRING	9	7	2
BOREHOLE	—	—	—
RIVER	—	—	—
PUBLIC MAINS	—	—	—
TOTAL	12	9	3

HOUSING

(a) NEW HOUSES ERECTED

By Private Enterprise (23 Houses, 4 Flats)	27
By Local Authority	—

(b) COUNCIL HOUSES

No new houses were erected during the year, but sites for the provision of old people's bungalows at Brown Edge continued to be actively pursued. Planning permission was granted for the erection of four maisonettes at Tittesworth Estate.

(c) COUNCIL HOUSE APPLICANTS

Thirty-two new applicants were registered and at the end of the year there were 63 'live' applications on the waiting list.

(d) RENT ACT 1957

No applications for certificates of disrepair were received during the year.

(e) IMPROVEMENT GRANTS

Particulars relating to improvement Grants are set out in tabular form below and overleaf.

A. DISCRETIONARY Applications

				Owner/ Occupier	Tenanted
No. of applications received				25	2
" " " brought forward from 1969				—	—
" " " approved				22	2
" " " refused				1	—
" " " withdrawn				2	—
" " " in abeyance				1	—
Completions					
No. of dwellings improved				4	—
" " conversions of building to living accommodation				2	—

B. STANDARD Applications

No. of applications received	...	...	...	...	...	...
" " " brought forward from 1969	...	...	...	...	...	...
" " " approved	...	...	...	...	...	...
" " " refused	...	...	...	...	...	...
" " " withdrawn	...	...	...	...	...	...
" " " in abeyance	...	...	...	...	...	...

Owner/ Occupier	Tenanted
25	8
—	—
19	8
—	—
2	—
4	—
23	—

Completions

No. of dwellings improved
---------------------------	-----	-----	-----	-----	-----	-----

Amenities Provided

(a) Fixed Bath or Shower	...	...	...	...	...	...
(b) Wash Hand Basin	...	...	...	...	...	...
(c) Sink	...	...	...	...	...	...
(d) Hot Water Supply	...	...	...	...	...	...
(e) W.C.	...	...	...	...	...	...

19
19
2
20
22

Extended Grants

(a) Bathroom Additions	...	...	...	...	...	...
(b) Septic Tank Installed	...	...	...	...	...	...
(c) Piped Water Installed	...	...	...	...	...	...

8
17
1

FOOD AND DRUGS

(a) **Brucellosis**

SUMMARY OF SAMPLES OF UNTREATED MILK TAKEN FOR BRUCELLA ABORTUS

	Ring Test		Culture		Biological	
	Neg.	Pos.	Neg.	Pos.	Neg.	Pos.
Retail Street Milks	211	12	16	—	23	6
School Milks	9	—	—	—	—	—
School Canteen Milks	—	—	—	—	—	—
Hospitals, etc. Milks	—	—	—	—	—	—
Total	223	12	16	—	23	6

(b) **The Liquid Egg (Pasteurisation) Regulations, 1963**

There are no egg pasteurisation plants within the district.

(c) **Food Hygiene**

The majority of the shops in the district are of the small family type business and all are generally well maintained. Four mobile shops operate within the area. Advice was given where found necessary and in no case was any serious contravention of the Regulations noted.

(d) **Poultry Inspection**

There are no poultry processing premises within the district.

(e) **Slaughterhouses and Knacker's Yards**

Three premises are licensed as Slaughterhouses and one as a Knacker's Yard. Particulars as to animals slaughtered, carcasses inspected and meat condemned are set out in the table on the following page.

(f) **Ice Cream**

Seventy-one premises are registered for the sale of Ice Cream. No premises are registered for manufacture.

(g) **Food Poisoning Outbreaks**

No cases of food poisoning were notified during the year.

MEAT AND FOOD INSPECTION

Carcases and offal inspected and condemned in whole or in part.

	Cattle	Calves	Sheep & Lambs	Pigs	Horses
Number killed	417	1	1389	355	—
Number inspected	417	1	1389	355	—
All diseases except Tuberculosis and Cysticerci					
Whole carcases condemned	—	—	—	—	—
Carcases of which some part or organ was condemned ...	20	—	1	1	—
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	4.79	—	.97	.28	—
Tuberculosis only:					
Whole carcases condemned	—	—	—	—	—
Carcases of which some part or organ was condemned ...	—	—	—	3	—
Percentage of the number inspected affected with tuberculosis	—	—	—	.85	—
Cysticercosis:					
Carcases of which some part or organ was condemned ...	—	—	—	—	—
Carcases submitted to treatment by refrigeration	—	—	—	—	—
Generalised and totally condemned	—	—	—	—	—

MEAT AND OFFAL CONDEMNED

Weight of Meat condemned due to:—

(a) Tuberculosis	...	...	...	...	...	36 lb.
(b) Other diseases or conditions	...	...	...	...	...	196 lb.

232 lb.

OTHER FOODS CONDEMNED

2 lb. Canned Meat. 2 lb. Other Canned Foods.

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963
REGISTERED PREMISES

CLASS OF PREMISES	Number of premises registered during the year	Total number of registered premises at end of year	Number of registered premises receiving a general inspection during the year
OFFICES	—	6	6
RETAIL SHOPS	—	12	12
WHOLESALE, SHOPS, WAREHOUSES	—	—	—
CATERING ESTABLISHMENTS OPEN TO THE PUBLIC, CANTEENS	—	21	21
FUEL STORAGE DEPOTS	—	—	—
TOTAL	—	39	39

ANALYSIS OF PERSONS EMPLOYED IN REGISTERED PREMISES

CLASS OF WORK-PLACE	NUMBER OF PERSONS EMPLOYED
OFFICES	17
RETAIL SHOPS	31
WHOLESALE DEPARTMENTS, WAREHOUSES	—
CATERING ESTABLISHMENTS OPEN TO THE PUBLIC	132
CANTEENS	—
FUEL STORAGE DEPOTS	—
TOTAL	180 (73 Male) (107 Females)

FACTORIES ACT 1961

NUMBER OF FACTORIES ON REGISTER:—

Mechanical	...	...	...	...	...	...	...	...	...	6
Non-Mechanical	...	...	...	...	...	...	...	...	...	1

NUMBER OF INSPECTIONS MADE	...	...	...	...	...	...	...	...	7
Only one factory is of any size.									5

PETROLEUM ACTS

Thirty-one licences were issued for the bulk storage of 67,850 gallons of Petroleum spirit.

During the year a detailed survey of all petroleum stores in the district was carried out in conjunction with the Fire Prevention Department of the County Fire Brigade, and as a result various recommendations regarding the installations were made to the licencees concerned.

H. E. WILSON

Medical Officer of Health

D. K. PEDLEY

Chief Public Health Inspector

RAINFALL — 1970

READINGS TAKEN AT HULME END PUMPING STATION
(Information supplied by courtesy of the Staffs. Potteries
Water Board)

	inches
JANUARY	4.53
FEBRUARY	4.51
MARCH	3.44
APRIL	4.43
MAY	0.82
JUNE	2.30
JULY	3.05
AUGUST	5.27
SEPTEMBER	2.83
OCTOBER	4.03
NOVEMBER	7.55
DECEMBER	2.33

Total rainfall for year 45.09

PREVIOUS YEARS

	inches
1969	39.60
1968	41.80
1967	40.80
1966	54.68
1965	50.56
1964	33.38

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